

# **THE DEEPEST BORE HOLE IN THE WORLD**

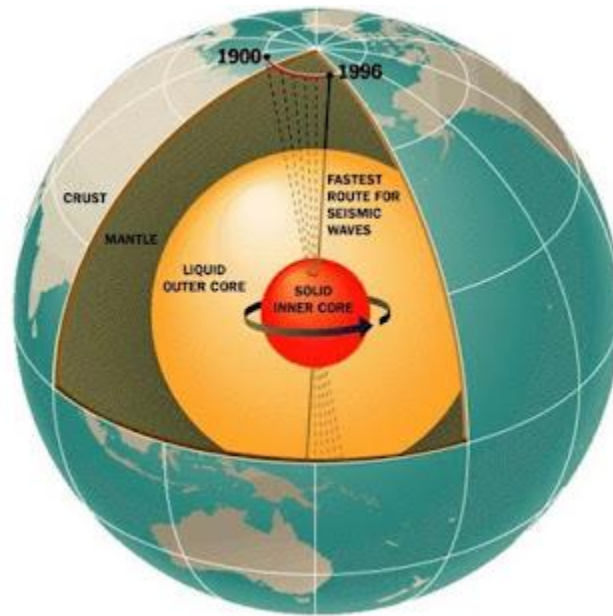


**I HAVE READ VERY INTERESTING ARTICLES REGARDING ON THE DEEPEST DRILLING BORE HOLE IN THE WORLD. BASED ON THE ARTICLES IT WAS AMAZING THAT THE RACE TO DRILL THE DEEPEST HOLE BETWEEN USA AND USSR AS SAME AS FIGHTING TO BE THE FIRST MANKIND ON THE MOON. THE BIG PROJECT BEGAN SINCE 1962 WAS LED BY USSR'S INTERDEPARTMENTAL SCIENTIFIC COUNCIL FOR STUDY OF THE EARTH'S INTERIOR AND SUPERDEEP DRILLING.**

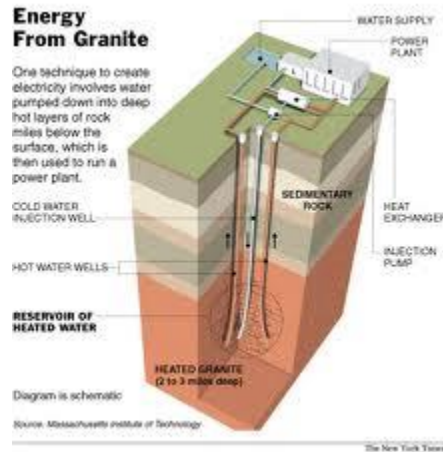


**THE PROPOSED LOCATION TO DRILL WAS CONFIRM ON 1962 AT KOLA PENINSULA IN THE NORTHWEST OF SOVIET UNION. THE DRILL**

**PROJECT BEGAN STARTED ON 1970. THE PROJECT IS KNOWN AS THE KOLA SUPERDEEP BOREHOLE**



**THE CENTER OF THE EARTH IS ESTIMATED TO BE ABOUT 4000°C HOT. THE DISTANCE TO THE CENTER OF THE EARTH IS ESTIMATED TO BE 6,378KM. MOLTEN ROCK (MAGMA) IS SAID TO BE FOUND 3000KM FROM THE SURFACE OF THE EARTH. HOWEVER, SCIENTISTS DRILLING THE KOLA SUPERDEEP BOREHOLE, THE WORLD'S DEEPEST, FOUND BOILING MUD AT JUST 12.62KM DOWN THE SURFACE OF THE EARTH, AN ANOMALY THAT SCIENTISTS HAVE NOT BEEN ABLE TO EXPLAIN. HELL COULD BE LOCATED NOT VERY FAR FROM THE EARTH'S SURFACE.**



**INSIDE THE PROJECT'S 200-FOOT-TALL ENCLOSURE RESIDES A UNIQUE DRILLING APPARATUS. MOST DEEP-DRILLING RIGS USE A ROTATING SHAFT TO BORE THROUGH THE GROUND USING A SERIES OF EXTENSIONS WHICH ARE INCREMENTALLY ADDED AS THE HOLE GROWS DEEPER, BUT SUCH A METHOD WAS UNWORKABLE WITH A HOLE AS DEEP AS KOLA WAS PLANNED TO BE. TO OVERCOME THIS, THE RUSSIAN RESEARCHERS DEVISED A SOLUTION WHERE ONLY THE DRILL BIT AT THE END OF THE SHAFT WAS ROTATED. THEY ACCOMPLISHED THIS BY FORCING THE PRESSURIZED "DRILLING MUD" THE LUBRICANT PUMPED DOWN THE DRILL SHAFT THROUGH THE SPECIALLY DESIGNED DRILL BIT TO CAUSE IT TO SPIN.**



AT THE END THEY MANAGED TO DRILL OVER 12.262 KILOMETER AS THE DEEPEST AS DESIGNATED "SG-3," INTO THE EARTH'S CRUST. THE DRILL SPENT TWENTY-FOUR YEARS CHEWING ITS WAY TO THAT DEPTH, UNTIL ITS PROGRESS WAS FINALLY HALTED IN 1994, ABOUT 2.7 KILOMETERS (1.7 MILES) SHORT OF ITS 15,000-METER GOAL.

THE LAST OF THE CORES TO BE PLUCKED FROM THE BOREHOLE WERE DATED TO BE ABOUT 2.7 BILLION YEARS OLD, OR ROUGHLY 32 MILLION TIMES OLDER THAN ABE VIGODA. BUT EVEN AT THAT DEPTH, THE KOLA PROJECT ONLY PENETRATED A FRACTION OF THE EARTH'S CONTINENTAL CRUST, WHICH RANGES FROM TWENTY TO EIGHTY KILOMETERS THICK.

THE MORE SURPRISING DURING THE DRILL PROCESS, IT WAS FOUND THAT THE DEEP ROCK HAD BEEN SATURATED WITH WATER WHICH FILLED THE CRACK. THE SCIENTIST'S THEORY TO THAT MYSTERY BELIEVE THAT THE WATER IS COMPRISED OF HYDROGEN AND OXYGEN ATOM WHICH WERE SQUEEZED OUT SURROUNDING THE ROCK BECAUSE OF PRESSURE.



**ANOTHER UNEXPECTED FIND WAS A MENAGERIE OF MICROSCOPIC FOSSILS AS DEEP AS 6.7 KILOMETERS BELOW THE SURFACE. TWENTY-FOUR DISTINCT SPECIES OF PLANKTON MICROFOSSILS WERE FOUND, AND THEY WERE DISCOVERED TO HAVE CARBON AND NITROGEN COVERINGS RATHER THAN THE TYPICAL LIMESTONE OR SILICA. DESPITE THE HARSH ENVIRONMENT OF HEAT AND PRESSURE, THE MICROSCOPIC REMAINS WERE REMARKABLY INTACT.**

**APART FROM THAT RUSSIAN RESEARCHERS WERE ALSO SURPRISED AT HOW QUICKLY THE TEMPERATURES ROSE AS THE BOREHOLE DEEPENED, WHICH IS THE FACTOR THAT ULTIMATELY HALTED THE PROJECT'S PROGRESS. DESPITE THE SCIENTISTS' EFFORTS TO COMBAT THE HEAT BY REFRIGERATING THE DRILLING MUD BEFORE PUMPING IT DOWN, AT TWELVE KILOMETERS THE DRILL BEGAN TO APPROACH ITS MAXIMUM HEAT TOLERANCE. AT THAT DEPTH RESEARCHERS HAD ESTIMATED THAT THEY WOULD ENCOUNTER ROCKS AT ~~100~~ C (212 F), BUT THE ACTUAL TEMPERATURE WAS ABOUT ~~180~~ C (356 F) MUCH HIGHER THAN ANTICIPATED.**





**AT THAT LEVEL OF HEAT AND PRESSURE, THE ROCKS BEGAN TO ACT MORE LIKE A PLASTIC THAN A SOLID, AND THE HOLE HAD A TENDENCY TO FLOW CLOSED WHENEVER THE DRILL BIT WAS PULLED OUT FOR REPLACEMENT.**

**THE DEEP DRILLING FINALLY STOP TO FORWARD BECOME IT WAS IMPOSSIBLE TO FURTHER DRILL WITHOUT LATEST TECHNOLOGICAL AND MAJOR RENOVATIONS OF THE EQUIPMENT ON HAND IN ORDER TO OVERCOME THE TEMPERATURES ISSUES WHERE IT CAN REACHED A PROJECTED ~~300~~ C (572 F).**



**THE KOLA SUPERDEEP BOREHOLE IS STILL A SCIENTIFICALLY USEFUL SITE, AND RESEARCH THERE IS ONGOING. THE HUGE REPOSITORY OF CORE SAMPLES IS**

**HOUSED AT ZAPOLYARNIY, ABOUT 10 KILOMETERS SOUTH OF  
THE BOREHOLE.**



**DESPITE THE VALIANT EFFORT WHICH SPANNED SEVERAL  
DECADES, THE RUSSIANS NEVER REACHED THEIR GOAL,  
AND MANY OF THE EARTH'S SECRETS WERE LEFT  
UNDISCOVERED. THE WORK DONE BY THE SOVIETS DID,  
HOWEVER, PROVIDE A PLETHORA OF INFORMATION ABOUT  
WHAT LIES JUST BENEATH THE SURFACE, AND IT CONTINUES  
TO BE SCIENTIFICALLY USEFUL TODAY.**

**1 CORINTHIANS 11:1**

**"BE YE FOLLOWERS OF ME, EVEN AS I ALSO AM OF CHRIST".**

**PROVE ALL THINGS**

**STUDY TO SHEW THYSELF APPROVED UNTO AHAYAH**

**ALL PRAISES TO THE MOST HIGH GOD**

**AHAYAH ASHAR AHAYAH BAHASHEM YASHAYAH**

**FRANK CHAVEZ**

**TRIBE OF ISSACHAR**

**12 TRIBES 1 NATION FOR ALL**

**ACTS 17:26**

**"AND HATH MADE OF ONE BLOOD ALL NATIONS OF MEN FOR TO  
DWELL ON ALL THE FACE OF THE EARTH, AND HATH DETERMINED  
THE TIMES BEFORE APPOINTED, AND THE BOUNDS OF THEIR  
HABITATION"**

**FOR THE KINGDOM OF HEAVEN IS AT HAND**